



Docket No.: 242752US90



ATTORNEYS AT LAW

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COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

RE: Application Serial No.: 10/661,602  
Applicants: Sung Uk MOON, et al.  
Filing Date: September 15, 2003  
For: MODULATION AND DEMODULATION BASED ON  
HIERARCHICAL MODULATION  
Group Art Unit: 2631  
Examiner:

SIR:

Attached hereto for filing are the following papers:

**STATUS REQUEST FOR FIRST OFFICE ACTION (in duplicate)**

Our check in the amount of \$0.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Bradley D. Lytle

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DOCKET NO.: 242752US90/mms

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF:

Sung Uk MOON, et al.

SERIAL NO: 10/661,602



GROUP NO: 2631

FILED: September 15, 2003

EXAMINER:

FOR: MODULATION AND DEMODULATION BASED ON HIERARCHICAL  
MODULATION

**FIRST OFFICE ACTION STATUS REQUEST**

Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

The Patent Office is respectfully requested to inform the undersigned of the  
approximate date a first Official Action will be issued in this Application.

A duplicate of this letter is enclosed for your convenience.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

A handwritten signature in cursive script, appearing to read "Bradley D. Lytle".

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